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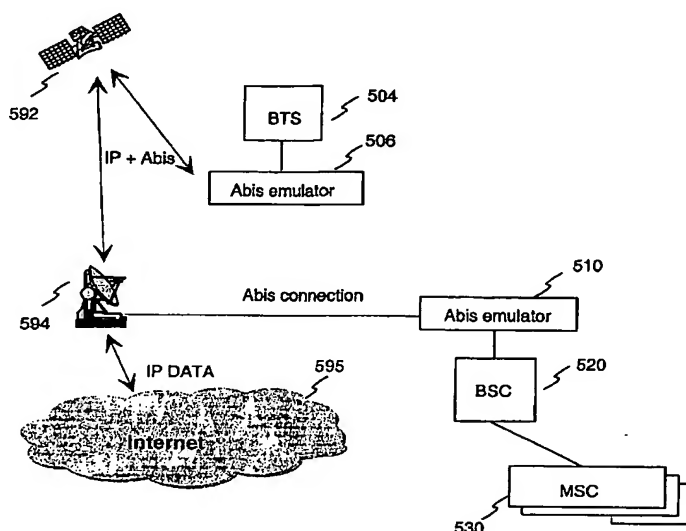
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(54) Title: **IMPROVED METHOD AND ARRANGEMENTS FOR WIRELESS COMMUNICATION BETWEEN A VEHICLE AND A TERRESTRIAL COMMUNICATION SYSTEM**



(57) Abstract: The invention relates to mobile communication systems using wireless network cells inside a vehicle, such as an aircraft, other airborne vessel, ship or train while aboard, and using satellite communications between the cells inside the vehicle and the terrestrial communication system. According to the invention there is an emulator functionality provided at both ends of the satellite communication link. The emulator is capable of providing required state signalling without a connection between the base station and the base station controller, and therefore the satellite communication link can be switched to off state when it is not needed for transferring calls or other information. The invention also provides a possibility to use alternative satellite connections depending on the location of the vehicle.